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**1 Patterned perpendicular and longitudinal media: a magnetic recording study**

*Albrecht, M.; Ganesan, S.; Rettner, C.T.; Moser, A.; Best, M.E.; White, R.L.; T B.D.;*

Magnetics, IEEE Transactions on , Volume: 39 , Issue: 5 , Sept. 2003  
Pages:2323 - 2325

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**2 Ion projection direct structuring for patterning of magnetic media**

*Dietzel, A.; Berger, R.; Grimm, H.; Bruenger, W.H.; Dzionk, C.; Letzkus, F.; Springer, R.; Loeschner, H.; Platzgummer, E.; Stengl, G.; Bandic, Z.Z.; Terris B.D.;*

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**3 Magnetic characterization and recording properties of patterned Co<sub>70</sub>Cr<sub>18</sub>Pt<sub>12</sub> perpendicular media**

*Rettner, C.T.; Anders, S.; Thomson, T.; Albrecht, M.; Ikeda, Y.; Best, M.E.; T B.D.;*

Magnetics, IEEE Transactions on , Volume: 38 , Issue: 4 , July 2002  
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**4 Patterning of granular magnetic media with a focused ion beam to produce single-domain islands at >140 Gbit/in<sup>2</sup>**

*Rettner, C.T.; Best, M.E.; Terris, B.D.;*

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001  
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**5 Track width definition of giant magnetoresistive sensors by ion**

**irradiation**

*Folks, L.; Baglin, J.E.E.; Kellock, A.J.; Carey, M.J.; Terris, B.D.; Gurney, B.;*  
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Pages:1730 - 1732

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**6 Effect of ion beam patterning on the write and read performance of perpendicular granular recording media**

*Lohau, J.; Moser, A.; Rettner, C.T.; Best, M.E.; Terris, B.D.;*  
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Pages:1652 - 1656

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**7 High-density data storage based on the atomic force microscope**

*Mamin, H.J.; Ried, R.P.; Terris, B.D.; Rugar, D.;*  
Proceedings of the IEEE ,Volume: 87 , Issue: 6 , June 1999  
Pages:1014 - 1027

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**8 High-density data storage based on the atomic force microscope**

*Mamin, H.J.; Ried, R.P.; Terris, B.D.; Rugar, D.;*  
Proceedings of the IEEE ,Volume: 87 , Issue: 6 , June 1999  
Pages:1012 - 1013

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**9 Low-stiffness silicon cantilevers with integrated heaters and piezoresistive sensors for high-density AFM thermomechanical data storage**

*Chui, B.W.; Stowe, T.D.; Yongho Sungtaek Ju; Goodson, K.E.; Kenny, T.W.;*  
*Mamin, H.J.; Terris, B.D.; Ried, R.P.; Rugar, D.;*  
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Pages:69 - 78

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*Terris, B.D.; Barrett, R.C.;*  
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Pages:944 - 949

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**12 Electrostatic writing and imaging using a force microscope***Saurenbach, F.; Terris, B.D.;*

Industry Applications, IEEE Transactions on , Volume: 28 , Issue: 1 , Jan.-Feb 1992

Pages:256 - 260

[\[Abstract\]](#) [\[PDF Full-Text \(472KB\)\]](#) IEEE JNL**13 Performance of an overlapped macro-cell based location area schem***Kuo-Hsing Chiang; Shenoy, N.;*

Communications, 2003. ICC '03. IEEE International Conference on , Volume: 1 , 11-15 May 2003

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Magnetics Conference, 2003. INTERMAG 2003. IEEE International , March 28 April 3, 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(187KB\)\]](#) IEEE CNF**15 Patterned perpendicular and longitudinal media***Albrecht, M.; Ganesan, S.; Rettner, C.T.; Moser, A.; Best, M.E.; White, R.L.; T B.D.;*

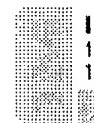
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Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001

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[\[Abstract\]](#)   [\[PDF Full-Text \(76KB\)\]](#)   IEEE JNL**2 Optimum design of optical storage media for drive compatibility***McDaniel, T.W.; Rubin, K.A.; Finkelstein, B.I.;*

Magnetics, IEEE Transactions on , Volume: 30 , Issue: 6 , Nov 1994

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**2 Demonstration of 35 Gbits/in<sup>2</sup> in media on glass substrates**

*Doerner, M.; Xiaoping Bian; Madison, M.; Kai Tang; Qingzhi Peng; Polcyn, A.; Arnoldussen, T.; Toney, M.F.; Mirzamaani, M.; Takano, K.; Fullerton, E.; Marg D.; Schabes, M.; Rubin, K.; Pinarbasi, M.; Yuan, S.; Parker, M.; Weller, D.;*

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 2001

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**3 Recording heads with track widths suitable for 100 Gbit/in<sup>2</sup> density**

*Khizroev, S.K.; Kryder, M.H.; Ikeda, Y.; Rubin, K.; Arnett, P.; Best, M.; Thom D.A.;*

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**5 Optimum design of optical storage media for drive compatibility**

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*Bushman, J.B.; Mitchell, C.M.; Jones, P.M.; Rubin, K.S.;*

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**8 Beyond 35 GBIT/IN/sup 2/: using a merged notched head on advan thermally stable media**

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*Doerner, M.F.; Xiaoping Bian; Kai Tang; Toney, M.F.; Rubin, K.; Weller, D.; M A.; Mirzamaani, M.; Polcyn, A.; Minvielle, T.; Takano, K.; White, R.;*

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**10 Recording heads with track widths suitable for 100 Gbit/in/sup 2/ density**

*Khizroev, S.K.; Kryder, M.H.; Ikeda, Y.; Rubin, K.; Arnett, P.; Best, M.; Thom D.A.;*

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**14 ALLY: an operator's associate model for cooperative supervisory co  
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*Bushman, J.B.; Mitchell, C.M.; Jones, P.M.; Rubin, K.S.;*

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